

Comparisons of Job Characteristics

Focus Occupation: Graphic Designers (27-1024)

Associated Occupation: Commercial and Industrial Designers (27-1021)

Compare Knowledge
 Compare Skills
 Compare Abilities
 Compare Detailed Work Activities
 Compare Tools and Technologies

<<	Focus occupation element is much lower
<	Focus occupation element is lower
0	Focus occupation element is at a similar level
>	Focus occupation element is at a higher level
>>	Focus occupation element is at a much higher level

Knowledge

Similarity of Focus Occupation to Associated Occupation: 45

Focus Occupation: Graphic Designers (27-1024)

Associated Occupation: Commercial and Industrial Designers (27-1021)

Associated Occupation's Key Knowledge Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation
Design	5.2	22.2	19.4	< Expanded education and/or training may be required
Engineering and Technology	5.7	18.3	3.3	<< Extensive education and/or training may be required
Mechanical	6.8	15.3	2.1	<< Extensive education and/or training may be required
Production and Processing	6.0	14.3	9.3	<< Extensive education and/or training may be required
Physics	4.3	9.6	1.3	<< Extensive education and/or training may be required
Fine Arts	2.2	5.3	15.2	>> Current knowledge level is likely more than sufficient

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Skills

Similarity of Focus Occupation to Associated Occupation: 88

Focus Occupation: Graphic Designers (27-1024)

Associated Occupation: Commercial and Industrial Designers (27-1021)

Associated Occupation's Key Skills Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation
Operations Analysis	5.0	12.0	10.2	< A higher skill level may be required
Technology Design	2.6	9.5	4.8	<< Extensive development of skills in this area may be required

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Abilities	Similarity of Focus Occupation to Associated Occupation: 98				
Focus Occupation: Graphic Designers (27-1024) Associated Occupation: Commercial and Industrial Designers (27-1021)					
Associated Occupation's Key Abilities Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation	
Originality	7.6	14.7	12.9	<	Some improvement in abilities may be required
Deductive Reasoning	10.6	14.1	9.2	<<	Extensive improvement in abilities may be required
Near Vision	11.1	13.5	10.8	<	Some improvement in abilities may be required
Visualization	7.5	13.1	10.7	<	Some improvement in abilities may be required
Fluency of Ideas	7.6	12.8	11.4	<	Some improvement in abilities may be required
Information Ordering	9.9	11.9	9.4	<	Some improvement in abilities may be required
Category Flexibility	9.0	11.5	9.6	<	Some improvement in abilities may be required
Mathematical Reasoning	6.3	9.6	5.6	<<	Extensive improvement in abilities may be required

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Activities that Both Occupations Have in Common	Similarity of Focus Occupation to Associated Occupation: 88
Focus Occupation: Graphic Designers (27-1024) Associated Occupation: Commercial and Industrial Designers (27-1021)	
Work Activities	Exclusivity of Activity
Consult with customers concerning needs	69
Create art from ideas	70
Distinguish details in graphic arts material	78
Identify color or balance	69
Identify problems or improvements	81
Make presentations	13
Prepare artwork for camera or press	85
Sketch or draw subjects or items	81
Use computer graphics design software	70
Use computers to enter, access or retrieve data	3
Use creativity in graphics	76

Use creativity in industrial artistry	92
Use creativity to art or design work	72

Not all positions in these occupations will necessarily perform all of the listed activities. The exclusivity rating is an indication of how unique the activity is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations engage in that activity.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Tools and Technologies that Both Occupations Have in Common

Similarity of Focus Occupation to Associated Occupation: 92

Focus Occupation: Graphic Designers (27-1024)

Associated Occupation: Commercial and Industrial Designers (27-1021)

Tools and Technologies	Exclusivity
Business function specific software	1
Cameras	2
Computers	1
Content authoring and editing software	1
Content management software	6
Data management and query software	1
Network applications software	1

Not all positions in these occupations will necessarily use all of the listed tools and technologies. The exclusivity rating is an indication of how unique the tool or technology is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations use that tool or technology.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.